



First steps

Task 1 Output

Step 1

Type the Python program below in your development environment.

```
print("Hello world!")
```

Step 2

Run your program.

If you encounter an **error message**, read it and try to fix the problem.

Use the list below to check for common errors (and tick ✓ if you find yours).

If your error isn't included in the list, write down how you fixed it.

- ☐ misspelt **print**
(this includes using capitals)
- ☐ missed one or both of **print**'s
brackets
- ☐ used square brackets instead of
round brackets
- ☐ missed one or both quotation
marks around "Hello world!"

Step 3

What was the **output** of the program, once you managed to run it successfully?

Step 4

Modify the program so that it displays a different greeting to the user.

Task 2 Assignment

Step 1

Type the Python program below in your development environment (alternatively, you can **modify** the existing program from the previous task).

```
1 user = "Claude"
2 print("Hello", user)
```

Step 2

What do you **expect** the output of the program to be when you run it? (Answer this question **before** you run the program.)

Step 3

Run your program.

If you encounter an **error message**, read it and try to fix the problem.

Use the list below to check for common errors (and tick ✓ if you find yours).

If your error isn't included in the list, write down how you fixed it.

☐ missed one or both quotation marks around "Claude"

☐ missed one or both of **print**'s brackets

☐ missed one or both quotation marks around "Hello"

☐ missed the comma between "Hello" and user

Step 4

What was the **output** of the program, once you managed to run it successfully?

Step 5

Modify the **assignment** on line 1, so that the program displays a different name when greeting the user. Make it display **your** name!

Task 3

Step 1

Extend the existing program from the previous task by typing in two similar additional statements. Note that line 4 is **incomplete**.

```
1 user = "Claude"
2 print("Hello", user)
3 lucky = 13
4 print( )
```

Step 2

Complete line 4, so that the output of the program is:

```
Hello Claude
My lucky number is 13
```

Make sure that your program displays the value of the **lucky** variable, not just the number 13.

Step 3

Run your program.

If you encounter an **error message**, read it and try to fix the problem.

Write down any errors that you encountered and how you fixed them.

Task 4 Input

Step 1

Modify the first line of the existing program from the previous task.

```
1 print("What's your name?")
2 user = input()
3 print("Hello", user)
```

Step 2

Run your program.

If you encounter an **error message**, read it and try to fix the problem.

Write down any errors that you encountered and how you fixed them.

Step 3

Once you manage to run the program, you should see this prompt:

What's your name?

The program is still running: it is executing the **input** function, which is waiting for the user to type something on the keyboard.

Type your name and press Enter. What is the output of the program?

Step 4

Run your program again.

Type a different name and press Enter. What is the output of the program?

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